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(57) Abstract :

ABSTRACT: This invention describes School Bags with Smart Technology offer an solution to the challenges faced by students and parents in the modern educational landscape. Equipped with features such as real-time GPS tracking, anti-theft mechanisms, proximity sensors, inventory management, and posture monitoring, these bags ensure enhanced safety, organization, and educational experiences. Through seamless integration with an IoT system, the bags provide parents with continuous monitoring capabilities and instant alerts in case of emergencies or security breaches. In scenarios such as misplaced bags or missed school buses, the smart technology enables swift resolution, minimizing disruptions and ensuring the well-being of students. With a focus on usability, durability, and advanced functionalities, these smart bags redefine the traditional school accessory, offering a comprehensive solution that promotes efficiency, safety, and peace of mind for students and parents alike.

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